

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KENTUCKY, Northeast				
(KY-Z101) GREENUP, (KY-Z102) CARTER, (KY-Z103) BOYD, (KY-Z105) LAWRENCE				
	06/08/07 00:00 EST	0		Drought
	06/30/07 23:59 EST	0		
After a dry May, the heat and dry weather in June caused drought conditions to develop and intensify into the D2 classification. Rain fed crops were struggling to mature. Much needed rain did arrive during the last week of the month.				
CARTER COUNTY				
7.0 SW GRAYSON	06/24/07 18:33 EST	0		Hail (0.75 in)
	06/24/07 18:33 EST	0		38.2584N, 83.0412W
Penny size hail was seen at Grayson Lake.				
Afternoon thunderstorms formed as a weak upper level disturbance combined with daytime heating and dew points in the mid 60s.				
BOYD COUNTY				
ASHLAND	06/27/07 18:45 EST	0		Thunderstorm Wind (EG 50 kt)
CATLETTSBURG	06/27/07 18:45 EST	0		38.47N, 82.63W ~ 38.42N, 82.6W
Trees fell in scattered locations				
Outflow boundaries helped thunderstorms activity to persist into the evening.				
OHIO, Southeast				
JACKSON COUNTY				
COALTON	06/05/07 20:42 EST	1K		Hail (1.50 in)
	06/05/07 20:42 EST	0		39.12N, 82.6W
A police vehicle got its windshield cracked. Roads were covered by the hail.				
A few thunderstorms formed along a cold front.				
(OH-Z086) GALLIA, (OH-Z087) LAWRENCE				
	06/08/07 00:00 EST	0		Drought
	06/30/07 23:59 EST	0		
After a dry month of May, the heat and dry weather of June caused drought conditions to develop and intensify to the D2 drought classification over extreme southeast Ohio. Rain fed crops were struggling to mature. Much needed rain did arrive during the last week of the month.				
PERRY COUNTY				
1.0 NW SOMERSET	06/08/07 14:00 EST	0		Thunderstorm Wind (EG 50 kt)
	06/08/07 14:00 EST	0		39.8102N, 82.3133W
Trees were blown down along Route 757.				
ATHENS COUNTY				
5.0 E ATHENS	06/08/07 14:30 EST	0		Thunderstorm Wind (EG 50 kt)
STEWART	06/08/07 14:40 EST	0		39.33N, 82.0065W ~ 39.3N, 81.9W
Trees fell down from the Route 690 vicinity, on east, to Route 329 near Stewart.				
JACKSON COUNTY				
2.0 E OAK HILL	06/08/07 14:30 EST	0		Thunderstorm Wind (EG 50 kt)
	06/08/07 14:30 EST	0		38.88N, 82.5329W
Trees were blown down along Route 279 and Pattonville Road.				

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MEIGS COUNTY				
4.0 NE POMEROY	06/08/07 14:45 EST		0	Thunderstorm Wind (EG 50 kt)
	06/08/07 14:45 EST		0	39.0709N, 81.9773W
Trees fell along Routes 7A and County Route 30.				
Thunderstorms formed in advance of a cold front. A few storms pulsed to severe limits.				
MEIGS COUNTY				
TUPPERS PLAINS	06/13/07 18:03 EST		0	Hail (0.88 in)
	06/13/07 18:03 EST		0	39.17N, 81.85W
PERRY COUNTY				
GLENFORD	06/13/07 18:05 EST		0	Hail (0.88 in)
	06/13/07 18:05 EST		0	39.88N, 82.32W
MORGAN COUNTY				
MALTA	06/13/07 18:10 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/07 18:10 EST		0	39.65N, 81.87W
Trees fell across county routes.				
MEIGS COUNTY				
POMEROY	06/13/07 18:35 EST		0	Hail (0.88 in)
	06/13/07 18:35 EST		0	39.03N, 82.03W
MEIGS COUNTY				
SYRACUSE	06/13/07 18:57 EST		0	Hail (0.75 in)
	06/13/07 18:57 EST		0	39N, 81.97W
MEIGS COUNTY				
1.0 W RUTLAND	06/13/07 19:30 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/07 19:30 EST		0	39.05N, 82.1486W
JACKSON COUNTY				
JACKSON	06/13/07 19:46 EST		0	Hail (0.88 in)
	06/13/07 19:46 EST		0	39.05N, 82.63W
GALLIA COUNTY				
RIO GRANDE	06/13/07 20:10 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/07 20:10 EST		0	38.88N, 82.37W
Trees were blown down on Cherry Ridge Road.				
LAWRENCE COUNTY				
SOUTH PT	06/13/07 21:21 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/07 21:21 EST		0	38.42N, 82.58W
During the late afternoon on the 13th, an east to west oriented line of thunderstorms moved southwest into southeast Ohio. This was an unusual movement for summer convection. The western portion of the line maintained its intensity a bit longer.				
PERRY COUNTY				
5.0 S THORNVILLE	06/19/07 14:40 EST		0	Thunderstorm Wind (EG 50 kt)
	06/19/07 14:40 EST		0	39.8277N, 82.42W
Several trees were blown down.				
LAWRENCE COUNTY				
IRONTON	06/19/07 17:10 EST		0	Hail (0.88 in)
	06/19/07 17:10 EST		0	38.53N, 82.67W
Thunderstorms formed ahead of a cold front.				

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MEIGS COUNTY				
LETART FALLS	06/27/07 17:35 EST		1K	Thunderstorm Wind (EG 60 kt)
	06/27/07 17:35 EST		0	38.88N, 81.93W
A downburst caused downed trees and minor roof damage. An aluminum flag pole was bent in half.				
GALLIA COUNTY				
3.0 NE GALLIPOLIS	06/27/07 20:30 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/07 20:30 EST		0	38.8507N, 82.1606W
Trees fell along George Creek.				
Outflow boundaries helped thunderstorm activity persist into the evening.				
VIRGINIA, Northwest				
BUCHANAN COUNTY				
3.0 N GRUNDY	06/05/07 16:53 EST		0	Hail (0.75 in)
	06/05/07 16:53 EST		0	37.3234N, 82.1W
Thunderstorms moved across northern Buchanan County from Kentucky, well in advance of a cold front.				
DICKENSON COUNTY				
4.0 S CLINTWOOD	06/15/07 13:35 EST		0	Hail (1.75 in)
	06/15/07 13:35 EST		0	37.0922N, 82.47W
Golf ball size hail fell over Caney Ridge.				
A few thunderstorms formed over southwest Virginia during the afternoon.				
WEST VIRGINIA, West				
MCDOWELL COUNTY				
BERWIND	06/05/07 17:25 EST		0	Thunderstorm Wind (EG 50 kt)
	06/05/07 17:25 EST		0	37.27N, 81.67W
Large trees fell and blocked roads.				
MCDOWELL COUNTY				
VALLSCREEK	06/05/07 17:26 EST		5K	Thunderstorm Wind (EG 50 kt)
	06/05/07 17:26 EST		0	37.23N, 81.65W
A large tree fell and damaged a house. A few power poles were brought down by fallen trees.				
RITCHIE COUNTY				
SMITHVILLE	06/05/07 22:00 EST		0	Hail (1.00 in)
	06/05/07 22:00 EST		0	39.1N, 81.1W
CALHOUN COUNTY				
MT ZION	06/05/07 22:30 EST		0	Hail (0.75 in)
	06/05/07 22:30 EST		0	38.87N, 81.12W
GILMER COUNTY				
LINN	06/05/07 22:45 EST		0	Hail (0.75 in)
	06/05/07 22:45 EST		0	39.02N, 80.72W
CALHOUN COUNTY				

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNAMORIAH	06/05/07 23:00 EST		0	Hail (0.75 in)
	06/05/07 23:00 EST		0	38.93N, 81.22W

WIRT COUNTY

CRESTON	06/05/07 23:00 EST		0	Hail (0.75 in)
	06/05/07 23:00 EST		0	38.95N, 81.27W

LEWIS COUNTY

1.0 NE ORLANDO	06/05/07 23:13 EST		0	Hail (0.75 in)
	06/05/07 23:13 EST		0	38.8802N, 80.5669W

Well in advance of a cold front, one thunderstorm complex tracked across eastern Kentucky into southwest Virginia, then affecting McDowell County, before continuing southeast in Virginia. Later in the evening, and closer to the surface front, storms moved across northern West Virginia.

(WV-Z005) WAYNE, (WV-Z006) CABELL, (WV-Z007) MASON, (WV-Z008) JACKSON, (WV-Z013) LINCOLN, (WV-Z014) PUTNAM, (WV-Z015) KANAWHA

06/08/07 00:00 EST	0	Drought
06/30/07 23:59 EST	0	

After a dry month of May, the heat and dry weather in June caused drought conditions to develop and intensify into the D2 classification for a portion of the western lowland counties. Rain fed crops were struggling to mature. Much needed rain did fall during the last week of the month.

RANDOLPH COUNTY

MILL CREEK	06/08/07 16:31 EST		1K	Thunderstorm Wind (EG 50 kt)
	06/08/07 16:31 EST		0	38.73N, 79.97W

Two trees were uprooted and fell on the mayor's house.

Thunderstorms formed in advance of a cold front. Ahead of the main line of convection, one storm briefly intensified south of Elkins.

TAYLOR COUNTY

KNOTSVILLE	06/13/07 15:04 EST		0	Hail (0.88 in)
	06/13/07 15:04 EST		0	39.3N, 79.97W

TAYLOR COUNTY

FLEMINGTON	06/13/07 15:24 EST		0	Hail (0.75 in)
	06/13/07 15:24 EST		0	39.27N, 80.12W

BOONE COUNTY

UNEEDA	06/13/07 15:45 EST		1K	Thunderstorm Wind (EG 50 kt)
	06/13/07 15:45 EST		0	38.03N, 81.78W

Trees fell onto power lines along Route 85 and Pond Fork.

UPSHUR COUNTY

ALEXANDER	06/13/07 16:00 EST		0	Hail (0.75 in)
	06/13/07 16:00 EST		0	38.78N, 80.22W

TAYLOR COUNTY

WEBSTER	06/13/07 16:11 EST		0	Hail (0.75 in)
	06/13/07 16:11 EST		0	39.3N, 80.05W

WOOD COUNTY

WASHINGTON	06/13/07 18:17 EST		0	Hail (0.88 in)
	06/13/07 18:17 EST		0	39.27N, 81.67W

CALHOUN COUNTY

SAND RIDGE	06/13/07 18:53 EST		0	Hail (1.00 in)
	06/13/07 18:53 EST		0	38.8N, 81.07W

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
RITCHIE COUNTY				
ELLENBORO	06/13/07 18:54 EST		0	Hail (0.75 in)
	06/13/07 18:54 EST		0	39.27N, 81.05W
RITCHIE COUNTY				
PULLMAN	06/13/07 19:10 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/07 19:10 EST		0	39.18N, 80.95W
Several trees were blown down.				
WOOD COUNTY				
MINERAL WELLS	06/13/07 19:15 EST		0	Hail (0.75 in)
	06/13/07 19:15 EST		0	39.18N, 81.53W
ROANE COUNTY				
LOONEYVILLE	06/13/07 19:25 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/07 19:25 EST		0	38.67N, 81.3W
Trees were knocked down.				
MASON COUNTY				
MT OLIVE	06/13/07 20:49 EST		0	Hail (0.88 in)
	06/13/07 20:49 EST		0	38.53N, 82.07W
Thunderstorms first developed around 1300E over Pennsylvania and moved in the unusual southwest direction, into northern West Virginia. The storms formed in response to a mid level disturbance and surface based instability.				
RALEIGH COUNTY				
SHADY SPG	06/14/07 14:22 EST		0	Hail (0.88 in)
	06/14/07 14:22 EST		0	37.7N, 81.1W
MCDOWELL COUNTY				
NORTHFORK	06/14/07 15:00 EST		1K	Thunderstorm Wind (EG 50 kt)
	06/14/07 15:00 EST		0	37.42N, 81.45W ~ 37.35N, 81.47W
Trees fell across roads. One tree fell onto a mobile home.				
RALEIGH COUNTY				
CRAB ORCHARD	06/14/07 17:30 EST		0	Thunderstorm Wind (EG 50 kt)
	06/14/07 17:30 EST		0	37.73N, 81.23W ~ 37.75N, 81.13W
Trees were blown down onto roads.				
NICHOLAS COUNTY				
RICHWOOD	06/14/07 17:40 EST		0	Hail (0.88 in)
	06/14/07 17:40 EST		0	38.23N, 80.53W
The 14th was another day with moderately unstable air and a mid level disturbance passing during the afternoon. The disturbance traveled from central New York near dawn, down to northern West Virginia by the afternoon.				
HARRISON COUNTY				
CLARKSBURG	06/19/07 16:55 EST		0	Thunderstorm Wind (EG 50 kt)
	06/19/07 16:55 EST		0	39.28N, 80.35W
Trees fell onto power lines.				
MCDOWELL COUNTY				
BARTLEY	06/19/07 18:10 EST		0	Thunderstorm Wind (EG 50 kt)
	06/19/07 18:10 EST		0	37.33N, 81.73W
Trees were blown down.				
Thunderstorms formed well in advance of an approaching cold front.				

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MINGO COUNTY				
MATEWAN	06/24/07 16:07 EST		0	Thunderstorm Wind (EG 50 kt)
RED JACKET	06/24/07 16:07 EST		0	37.62N, 82.17W ~ 37.65N, 82.13W
Trees fell across roads.				
RALEIGH COUNTY				
SHADY SPG	06/24/07 17:10 EST		0	Hail (1.00 in)
	06/24/07 17:10 EST		0	37.7N, 81.1W
RALEIGH COUNTY				
COAL CITY	06/24/07 18:16 EST		0	Hail (1.00 in)
	06/24/07 18:16 EST		0	37.68N, 81.22W
RALEIGH COUNTY				
DANIELS	06/24/07 18:23 EST		0	Hail (0.88 in)
	06/24/07 18:23 EST		0	37.73N, 81.13W
Afternoon thunderstorms formed over southern West Virginia, mainly south of the Interstate 64 corridor.				
TAYLOR COUNTY				
GRAFTON	06/27/07 15:11 EST		0	Hail (0.75 in)
	06/27/07 15:11 EST		0	39.35N, 80.03W
TAYLOR COUNTY				
FLEMINGTON	06/27/07 15:24 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/07 15:24 EST		0	39.27N, 80.12W
Large branches were knocked down.				
HARRISON COUNTY				
BRIDGEPORT	06/27/07 16:15 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/07 16:15 EST		0	39.28N, 80.25W
Several trees were blown down.				
MASON COUNTY				
0.5 W LETART	06/27/07 17:35 EST		8K	Tornado (EF1, L: 1.16 mi , W: 50 yd)
0.8 SE LETART	06/27/07 17:38 EST		0	38.88N, 81.9393W ~ 38.8723N, 81.9202W
Two outflow boundaries collided, which formed the landspout type tornado near the Ohio River. The damage path started just west of Letart near Route 15 and extended about a mile toward Letart Island. One garage was destroyed. Telephone poles were snapped along Route 33. Numerous trees were down along the path. Wind speed was estimated by the survey team at 90 to 100 mph.				
CABELL COUNTY				
MILTON	06/27/07 19:50 EST		1K	Thunderstorm Wind (EG 50 kt)
CULLODEN	06/27/07 19:50 EST		0	38.43N, 82.13W ~ 38.42N, 82.05W
Several trees fell onto power lines.				
PUTNAM COUNTY				
HURRICANE	06/27/07 19:50 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/07 19:50 EST		0	38.43N, 82.03W
Trees and large branches were blown down.				
WEBSTER COUNTY				
HACKER VLY	06/27/07 20:30 EST		0	Hail (0.75 in)
	06/27/07 20:30 EST		0	38.65N, 80.38W

This thunderstorm event was mainly driven by daytime heating. Once the sun began to set, numerous outflow boundaries provided additional lift. The rains, though, were much needed.

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	----------------------	------------------------	------------------------